

XX  
PP 30-MAR-2001; 2001WO-US08631.  
XX  
PR 31-MAR-2000; 2000US-0540217.  
XX  
PR 23-AUG-2000; 2000US-0649167.  
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PA (HYSEQ-) HYSEQ INC.  
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PI Demanac RT, Liu C, Tang YT;  
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DR WPI; 2001-639362/73.  
DR N-PSDB; AAS65990.

XX  
PT New isolated polynucleotide and encoded polypeptides, useful in diagnostics, forensics, gene mapping, identification or mutations responsible for genetic disorders or other traits and to assess biodiversity -

Claim 20; SEQ ID NO 32162; 103PP; English.

CC The invention relates to isolated polynucleotide (I) and polypeptide (II) sequences. (I) is useful as hybridisation probes, polymerase chain reaction (PCR) primers, oligomers, and for chromosome and gene mapping, and in recombinant production of (II). The polynucleotides are also used in diagnostics as expressed sequence tags for identifying expressed genes. (I) is useful in gene therapy techniques to restore normal activity of (II) or to treat disease states involving (II). (II) is useful for generating antibodies against it, detecting or quantitating a polypeptide in tissue, as molecular weight markers and as a food supplement. (II) and its binding partners are useful in medical imaging of sites expressing (II). (I) and (II) are useful for treating disorders involving aberrant protein expression or biological activity.

CC The polypeptide and polynucleotide sequences have applications in diagnostics, forensics, gene mapping, identification of mutations responsible for genetic disorders or other traits to assess biodiversity and to produce other types of data and products dependent on DNA and amino acid sequences. ABC00010-ABC30377 represent novel human diagnostic amino acid sequences.

CC Note: The sequence data for this patent did not appear in the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published\_pct\_sequences.

XX SQ Sequence 160 AA;

Query Match  
Best Local Similarity 97.7%; Score 432; DB 22; Length 160;  
Matches 85; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CC 1 MWLWEDQGGLGPPSPFLVILVLRVSPNACILTSFLVILVLRVSPFEPVSCRALQVK 60  
Db 61 mwLwEDQGGLGPPSPFLVILVLRVSPNACILTSFLVILVLRVSPFEPVSCRALQVK 120

CC 61 PRDRISAIHARGGSXXAPENTLAIRQ 87  
Db 121 prdrisaiharggsxhdpentlaairq 147

RESULT 4  
ABC01802  
ID ABC01802 standard; Protein: 320 AA.  
AC  
XX  
DT 13-FEB-2002 (first entry)  
XX  
DE Novel human diagnostic protein #1793.  
XX  
KW Human; chromosome mapping; gene mapping; gene therapy; forensic; food supplement; medical imaging; diagnostic; genetic disorder.  
XX  
OS Homo sapiens.

XX  
PT New isolated polynucleotide and encoded polypeptides, useful in diagnostics, forensics, gene mapping, identification or mutations responsible for genetic disorders or other traits and to assess biodiversity -

Claim 20; SEQ ID NO 32161; 103PP; English.

CC The invention relates to isolated polynucleotide (I) and polypeptide (II) sequences. (I) is useful as hybridisation probes, polymerase chain reaction (PCR) primers, oligomers, and for chromosome and gene mapping, and in recombinant production of (II). The polynucleotides are also used in diagnostics as expressed sequence tags for identifying expressed genes. (I) is useful in gene therapy techniques to restore normal activity of (II) or to treat disease states involving (II). (II) is useful for generating antibodies against it, detecting or quantitating a polypeptide in tissue, as molecular weight markers and as a food supplement. (II) and its binding partners are useful in medical imaging of sites expressing (II). (I) and (II) are useful for treating disorders involving aberrant protein expression or biological activity.

CC The polypeptide and polynucleotide sequences have applications in diagnostics, forensics, gene mapping, identification of mutations responsible for genetic disorders or other traits to assess biodiversity and to produce other types of data and products dependent on DNA and amino acid sequences. ABC00010-ABC30377 represent novel human diagnostic amino acid sequences.

CC Note: The sequence data for this patent did not appear in the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published\_pct\_sequences.

XX SQ Sequence 320 AA;

Query Match  
Best Local Similarity 97.7%; Score 432; DB 22; Length 320;  
Matches 85; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

CC 1 MWLWEDQGGLGPPSPFLVILVLRVSPNACILTSFLVILVLRVSPFEPVSCRALQVK 60  
Db 1 mwLwEDQGGLGPPSPFLVILVLRVSPNACILTSFLVILVLRVSPFEPVSCRALQVK 60

CC 61 PRDRISAIHARGGSXXAPENTLAIRQ 87  
Db 61 prdrisaiharggsxhdpentlaairq 87

RESULT 5  
ABC01805  
ID ABC01805 standard; Protein: 331 AA.  
AC  
XX  
DT 18-JAN-2000 (first entry)  
XX  
DE Secreted protein 108-003-5-0-E4-FL.  
XX  
KW Secreted protein; fingerprin identification technique; chromosome mapping; human; hereditary disease; diagnosis; cancer;

